

II CONST. DIVN. U. P. JAL NIGAM, AGRA

TUBE WELL DRILLING AND DEVELOPING DETAILS

Tube Well No. of KUCHELA Rig No./Type D.: C.: Size of bore 600 mm ϕ
 Under KUCHELA Gr. of villages w/s scheme. Type of T. W. SLOTTED J. E. D. SARASWAT
 In Viallge. KUCHELA Block. GHIROR Water Level 5.00 Mt. A. ERANJEET SINGH
 Tehsil. GHIROR Distt. MAINPURI Agency. M. S. VIMAL PACHAURI BOREWELL, AGRA

Depth B. G. L. Meter	Stratum	Representation	Executed Assembly	
0.00 - 3.00	SURFACE SOIL			AGL 0.50 M.
03.00 - 15.00	CLAY KANKAR		300mm ϕ PLAIN PIPE	29.30
15.00 - 25.00	FINE TO MED SAND		300x200mm Reducer	29.30
25.00 - 30.00	FINE SAND			29.30
30.00 - 38.00	CLAY KANKAR			29.30
38.00 - 45.00	FINE SAND			29.30
45.00 - 54.00	CLAY			29.30
54.00 - 60.00	KANKAR CLAY			29.30
60.00 - 70.00	CLAY KANKAR			29.30
70.00 - 88.00	FINE TO MED SAND			29.30
88.00 - 102.00	CLAY KANKAR			29.30
102.00 - 105.00	V. FINE SAND			29.30
105.00 - 120.00	CLAY KANKAR			29.30
E-LOGGING ON DT. 05.01.2015				
39.00M - 45.00M B4	L - GOOD			
70.00M - 88.00M B4	L - GOOD			

ASSEMBLY DETAILS

300 mm. Dia Housing Pipe AGL to 50 M.
 300 mm. Dia Housing Pipe G.L. to 29.30 M.
 mm. Dia Housing Pipe to M.
 300x200 mm. Dia Reducer 29.30 to 29.40 M.
 200 mm. Dia PLAIN Pipe 29.40 to 38.45 M.
 200 mm. Dia SLOTTED Pipe 38.45 to 44.48 M.
 200 mm. Dia PLAIN Pipe 44.48 to 59.61 M.
 200 mm. Dia SLOTTED Pipe 59.61 to 87.62 M.
 200 mm. Dia PLAIN Pipe 87.62 to 93.72 M.
 mm. Dia Pipe to M.
 mm. Dia Pipe to M.
 mm. Dia Pipe to M.
 mm. Dia Pipe to M.
 mm. Dia Pipe to M.
 Total Assembly 94.22 M.
 M. B. No. 796(5) Page No. 25, 126.

ABSTRACT

1. Drilling Started 02.01.2015
2. Drilling Completed 11.01.2015
3. Drilling Depth 120.00 M
4. Lowering Started 12.01.2015
5. Lowering Completed 12.01.2015
6. Assembly Lowered 93.72 M

J. E.

A. E.

E. E.

TEST REPORT BY COMPRESSOR

Date: 24.02.2015 Static W/L: 6.00 Mt. Test of Water: POTABLE

Discharge	832 / Testing / 109 Dt. 30.5.2015 Sand Contents							Remark
In L. P. M.	Start	5min	10min	15min	20min	25min	30min	
800	7600	4100	3300	2500	2000	1200	800	-

(D.D. Saraswat)
J.E.

YIELD TEST REPORT BY O. P. UNIT

(Rahul Diwakar)
A. E.

Discharge in L. P. M.	Starting W. L.	Running W. L.	Depression Meter	/ Testing / Dt. 27.05.2015 SAND CONTENTS IN P. P. M.							Remarks
				Start	5 min.	10 Min.	15 min.	20 min.	25 min.	30 min.	
1400	8.00	14.50	6.50	800	600	400	200	50	Tr.	CL.	
1200	8.00	13.50	5.50	500	300	100	Tr.	CL.	CL.	CL.	
1000	8.00	12.50	4.50	400	100	Tr.	CL.	CL.	CL.	CL.	

Recommended Discharge: 1000 L. P. M. At: 4.50 M. Depression

(D.D. Saraswat)
J.E.

(Rahul Diwakar)
A. E.

(Arun Kumar)
E. E.

CHEMICAL TEST RESULTS

246 / Testing / 31 Dt. 13.2.15

Date of obtaining Sample: 7.2.2015 Collected by: D.D. Saraswat Agency: DEPTT. AGRA

Date of Test		Total Hardness	158	Sulphates	142
Colour	colourless	Temporay hardness	-	Phosphate	-
Odour	odourless	Permanent Hardness	-	Ammonia	-
Turbidity	2.3	Total Alkalinity (M)	304	Nitrates	001
Ph Value	7.2	Alkalinity (P)	-	Flouride	1.45
Total Solids	422	Calcium	-	IRON	0.27
Suspended Solids	-	Magnicium	-		
Dissolved Solids	-	Chlorids	182		

Remark: - S.A.T.I.S. FACTORY

Draughts Man

Junior Engineer

Assistant Engineer

Executive Engineer

